



LS 3603 Laser Scanner



The Premium Performance Scanner

Symbol Technologies' LS 3603 Laser Scanner brings you the highest level of scanning performance available today. Symbol's patented "fuzzy logic" technology delivers the first scanner with artificial intelligence for aggressive, "smart" scanning. Simply pull the trigger, and the LS 3603 assesses the print quality of the bar code and compensates for imperfections. The result: technology that pays off with the best first-time read rate on all types of bar codes, including low-contrast, high-density and dot matrix symbols. In fact, no other scanner is better at reading poorly printed bar codes.

The LS 3603 also makes connectivity problems a thing of the past. The scanner comes with built-in communications for RS-232 and wand emulation. Other interfaces are available via the use of a Synapse™ "smart cable." This cable eliminates the need for a separate interface controller, making it easier to install, maintain and use.

Rugged Design, Unmatched Reliability

The LS 3603 is built to work in the most demanding environments. The scanner's impact-resistant housing, internal shock mounting, and ultrasonically welded window ensure a rugged design that can

withstand repeated 6-foot (1.8 m) drops onto concrete. And the LS 3603 operates in severe environmental conditions, such as extreme temperatures (-22° to 122°F/-30° to 50°C) and humidity, making it the ideal scanner for retail, warehousing, distribution and industrial automation applications.

The LS 3603 also incorporates Symbol's patented Mylar® scan element for non-stop reliability. Like a tuning fork, the scan element resonates at a fixed frequency creating motion without wear and tear. In fact the Mylar scan element is so reliable that it is backed by its own limited lifetime warranty... a Symbol exclusive!*

The LS 3603 Laser Scanner: a smart scanner that's a smart choice. And it's from Symbol Technologies – the world leader in bar code-based data management systems with more than 6 million scanners and terminals in use.

*The Mylar scan element consists of a Mylar strip, frame, mirror assembly and magnet. The entire unit carries Symbol's standard warranty. All Symbol warranties apply to the original owner and do not cover repair due to misuse or physical abuse. Standard warranty and warranty service information are described on the warranty card enclosed with each product or can be obtained directly from Symbol. Contact Symbol for details.

LS 3603 Specification Highlights

Performance Characteristics

Light Source:	675 nm laser diode
Scan Rate:	36 (± 3) scan/sec. (bidirectional)
Yaw:	$\pm 60^\circ$ from normal
Roll (Skew):	$\pm 10^\circ$ from normal
Pitch:	$\pm 50^\circ$ from normal
Decode Capability:	UPC/EAN, UPC/EAN with supplementals, Code 39, Code 39 Full ASCII, Code 128, EAN 128, Codabar, Interleaved 2 of 5, Discrete 2 of 5, MSI/Plessey
Interface Type:	Wand Emulation, RS-232-C, PC and terminal keyboard wedges, OCR, Dual RS-232-C, IBM 468X/469X, OCIA, Bidirectional OCIA
Electrical:	Complies with UL, CSA and VDE; conforms to FCC Class A and Class B limits; conforms to CISPER Class A
Voltage:	4.8 to 14 VDC
Current:	150 mA
Laser Class:	CDRH Class II, IEC 825 Class 2
Weight:	8.5 oz. (240 gm) without cable
Color:	Available in dark grey, LS 3603 and light grey, LS 3603 MX versions

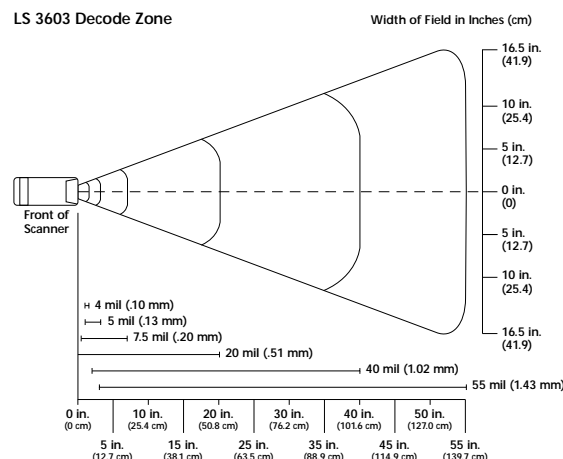


User Environment

Ambient Light:	Immune to normal artificial indoor and outdoor (indirect sunlight) lighting conditions
Operating Temperature:	-22° to 122°F (-30° to 50°C)
Storage Temperature:	-40° to 140°F (-40° to 60°C)
Humidity:	5% to 95% (noncondensing)
Durability:	Multiple 6 ft. (1.8 m) drops to concrete
Environmental:	Sealed against windblown dust and rain



LS 3603 Decode Zone



Specifications are subject to change without notice. Synapse is a trademark of Symbol Technologies, Inc. Mylar® is a registered trademark of the DuPont Company.



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